

Date: Friday, 23/05/2008 9:54:53 AM  
 User: Julie Lecocq

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services		Drawing Name	: CLAMP			
Job Number	: 39440						
Estimate Number	: 10267						
P.O. Number	:			Part Number	: D2438		
This Issue	: 23/05/2008	S.O. No. :			Drawing Number : D2438 REV. C		
Prsht Rev.	: NC			Project Number	: N/A		
First Issue	: / /		Type	: PURCHASED PARTS			
Previous Run	: 37852			Drawing Revision	: C		
Written By	:			Material	:		
Checked & Approved By	: JVO 08.5.23			Due Date	: 15/06/2008		
Comment	: Est: E 05.06.28 Bending removed KJ/JLM			Qty:	200	Um: Each	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	PG	PURCHASING	 
		Comment: PURCHASING Issue P/O: 6432 Laser cut as per Dwg D2438 CFI Material release note is required	 
2.0	D2438B	Clamp	
		Comment: Qty.: 1.0000 Each(s)/Unit Total : 200.0000 Each(s) CLAMP	
3.0	PACKAGING 1	PACKAGING RESOURCE #1	
		Comment: PACKAGING RESOURCE #1 Recieve & Inspect for Transit Damage Ensure Material Release Note is attached	 
4.0	QC6	DIMENSIONAL CHECK	
		Comment: DIMENSIONAL CHECK Inspect dimensions as per Dwg D2438 (6.786" center to center)	  
5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1	
		Comment: SMALL & MEDIUM FAB RESOURCE 1 Tumble & Deburr any rough edges	 

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Friday, 23/05/2008 9:54:53 AM  
User: Julie Lecocq

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: CLAMP

Job Number: 39440

Part Number: D2438

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 QC5

INSPECT WORK TO CURRENT STEP



checked

S 08/07/16 x201

Comment: INSPECT WORK TO CURRENT STEP

7.0 PACKAGING 1

PACKAGING RESOURCE #1



x201

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST 455

(overstock)

8 08/07/17 x201

8.0 QC21

FINAL INSPECTION/W/O RELEASE



08/07/18 xf

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



u 08/07/18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

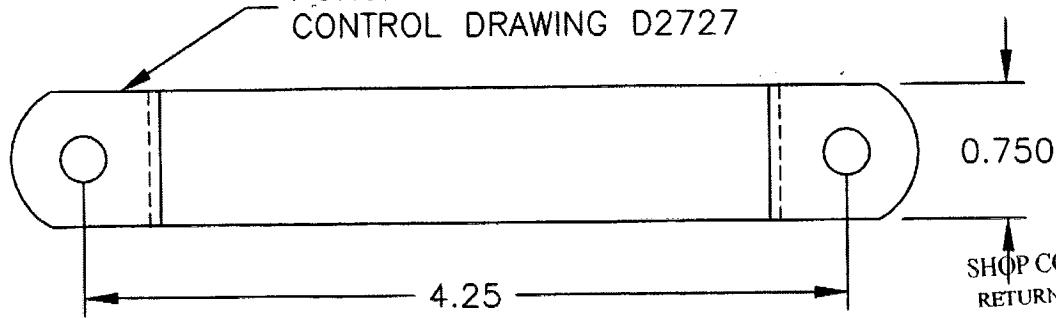
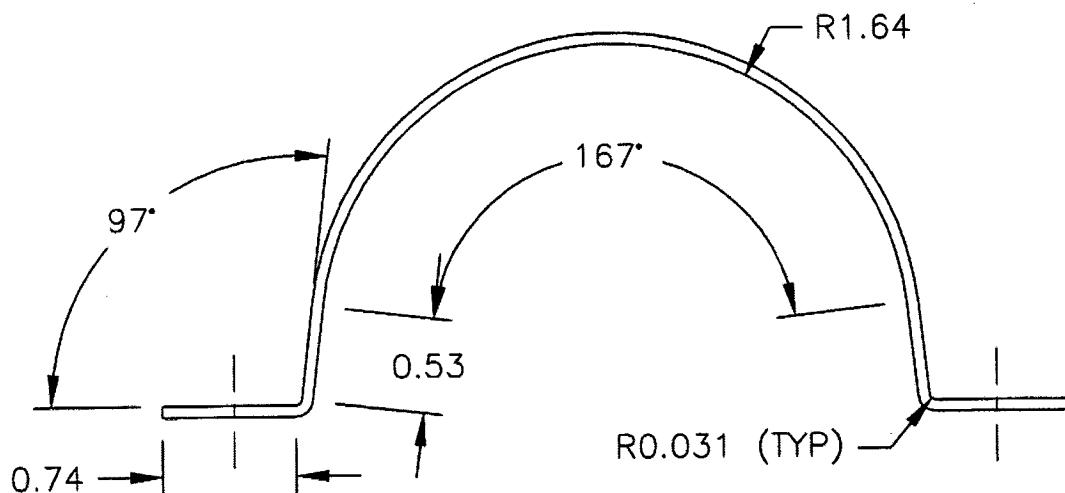
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**DART**

DESIGN <i>KE</i>	DRAWN BY <i>KE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED <i>WWS</i>	APPROVED <i>CD</i>	DRAWING NO. D2438	REV. C	SHEET 1 OF 1
DATE 98.05.12		TITLE CLAMP	SCALE 1:1	
A	96.01.24	NEW ISSUE		
B	96.05.13	CHANGE LENGTH		
C	98.05.12	R1.64 WAS R1.438, CHANGE GEOMETRY		

**RELEASED**  
98.06.17 KE

FLAT LENGTH: 7.586 END-END  
6.786 HOLE-HOLE

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 37440

MATERIAL: AISI 304/316 SS 0.063 THICK

MINIMUM REQUIREMENT IS ANNEALED CONDITION

# 00.06.06  
CP 00.06.07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



180 AVENUE LABROSSE  
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1  
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



## BON DE LIVRAISON - SHIPPING MEMO

DATE DE LIVRAISON SHIPPING DATE	N° BON DE LIVRAISON SHIPPING MEMO NO.
2008/06/10	0395783

VENDEDU À / SOLD TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	N° COMMANDE PONO.	VIA SHIP VIA
QUANTITÉ QUANTITY	VOTRE N° DE PIÈCE YOUR PART NO.	DESCRIPTION	
200	D2438B	CLAMP CUT&FORMED	

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

REÇU PAR / RECEIVED BY

# CERTIFICATE OF COMPLIANCE

## CERTIFICAT DE CONFORMITE



Member of Thomas Betts

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 17 OUR JOB NO J0183810 SHIPPING MEMO 0395783

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>200 PCS</u>	<u>PO00006432</u>	<u>D2438B</u>	<u>C</u>	<u>CLAMP</u>	<u>C</u>	
MATERIAL	SUPPLIED BY	MAT. REL. NO.				
<u>S.S.T 304</u>	<u>TW METALS / NORTH AMERICAN</u>	<u>2MW9</u>				

PROCESS	PROCESSOR	RELEASE NOTE #
<u>1 FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>CONFORMS</u>
<u>2</u>		
<u>3</u>		
<u>4</u>		
<u>5</u>		
<u>6</u>		
<u>7</u>		
<u>8</u>		
<u>9</u>		

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 11 JUNE 2008

G.F.I. Q.C. REP.



SP42-091-Rev1-Subbardia Certificate of Compliance  
TW Metals District Procedure

Revision: 0

Revision Date: 04-03-00

Superseding: Initial

Page: 1 of 1

**CERTIFICATE OF COMPLIANCE**

**FRAUD AND FALSIFICATION STATEMENT**

The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law Title 18 chapter 47.

**CERTIFICATE OF COMPLIANCE**

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

**MERCURY FREE STATEMENT**

We certify that mercury, radium, or alpha bearing instruments and / or equipment which might cause contamination have not been used in the manufacture, fabrication, assembly or testing of any material supplied by TW Metals Inc. Switches, glass thermometers, standard cell and other items containing the above elements may be used, but they will be located so as not to constitute a contamination hazard.

CUSTOMER NAME: GFI

PURCHASE ORDER NO. 0073205

ITEM NO. 0001 SHIPPER INVOICE NO. 03232573

MATERIAL 304-2B SPECIFICATION: ASTM A262

MANUFACTURING MILL: North American Stainless

SIZE: .062 HEAT / LOT NO. 2M1W9

PART NO. 1506348X964A QUANTITY: 125-43218

TEST DEPARTMENT CLERK: Janie Clark

**AUTHORITY**

Joe Schab  
Director of Quality Assurance

49189775



NORTH AMERICAN  
STAINLESS

Certificate: 366147 02 Mail To:

Customer: 0018 001

Your Order: 01010133

## METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Date: 7/11/2007 Page: 1

Steel: 302/304/304L

Finish: 2B

Corrosion: ASTM A263/02aE, 150°F and OK

Ship To:

NAS Order: AN 0373673 01

### PRODUCT DESCRIPTION:

STAINLESS STEEL COIL, COLD ROLLED, ANNEALED AND PICKLED.  
ASTM A240/06b, 480/06b, 666/03, ASME A240/04-AS5, 480/04-A05, SA666/04  
Q235766D-AXMG PRM, AMS5511K/5513K/5516P, AHD3, X CRWN MEAS

### REMARKS:

Mat '1 Free of Mercury Contamination. No weld repairs.  
EN 10204 3.1; Q235763P Cond A; RoHS Compliant  
\* Melted & Manufactured in the USA

Product ID #	Coil #	Thickness	Width	Weight	Length	Mark	Pieces	COMMODITY CODE
022MW9 A	022MW9 A	.0620	36.0000	20,700 COIL	2778.9	11	1	

### CHEMICAL ANALYSIS

Heat	CM	C	CR	CU	MN	MO	N	NI	P	S	SI
2MW9	US	.025	18.329	.298	1.832	.311	.072	8.113	.026 < .001	.332	

### MECHANICAL PROPERTIES

Product ID #	Coil #	1 d of cr	UTS ksi	.2% YS ksi	ELONG % - 2"	Hard HB	Hard HB	Grain No.
022MW9 A	022MW9	F T	95.50	48.52	48.03	66.50	82.50	8.000

TW METALS

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REVIEWED BY Q.C.  
Date: 7/13/07 by

QC ENGINEER

ERIC HESS

7/11/2007

Size: 304/L AHN .066 AHS 5513/11  
Customer: TW Metals-Cincinnati  
Heat: 2MW9  
Shipped: 02/29/08 49189775